

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT: E-41 OVEN CLEANER

GENERAL DESCRIPTION:	Caustic-Free Oven Cleaner
RECOMMENDED USE:	
SUPPLIER/MANUFACTURER:	EcoLogic Solutions Holdings Inc.
ADDRESS:	63 Flushing Ave, Unit 267, Brooklyn, NY 11205
EMERGENCY PHONE:	(800) 477-2577
BUSINESS PHONE:	(718) 435-5422 (Product Information)
E-MAIL:	info@ecologicsolutions.com
DATE OF PREPARATION:	12/1/09
DATE OF LAST REVISION:	3/17/14

SECTION 2 – HAZARD IDENTIFICATION

THRESHOLD LIMIT: Not established
ACUTE TOXICITY: Non-toxic

GHS HAZARD SYMBOL:



HAZARD RATING

HEALTH
FLAMMABILITY
REACTIVITY
SPECIAL

HMIS
1
0
0
none

NFPA
1
0
0
none



GHS PRECAUTIONARY STATEMENTS: **WARNING** – This product may be harmful if swallowed and may cause mild irritation in some cases.

HEALTH HAZARDS/EFFECTS OF OVEREXPOSURE:

Ingestion: There is no effect if ingested in small amounts and is rarely toxic. Numbness of the mouth and/or irritation of the gastrointestinal tract may develop. **Eye Contact:** May cause eye irritation. **Skin Contact/Absorption:** May cause mild irritation or dermatitis after repeated use/prolonged contact. May aggravate a preexisting condition. Systematic absorption of toxic concentrations is not expected. **Inhalation:** None. **Preexisting conditions:** Overexposure may aggravate/irritate preexisting medical conditions

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>
Sodium Citrate	8-04-2
Proprietary Surfactant Blend	
D-Limonene	5989-27-5
Amine Oxide	70592-80-2
Xanthum Gum	11138-66-2

INGREDIENT DETAIL & BLEND IS PROPRIETARY.
ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED ABOVE ARE EITHER NON-HAZARDOUS OR IN CONCENTRATIONS LESS THAN 1%.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If irritation persists have eyes examined and treated by medical personnel.

SKIN CONTACT: If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.

INHALATION: No treatment needed.

ALWAYS SEEK MEDICAL ATTENTION IF NECESSARY IN AN EMERGENCY
24-HR MEDICAL EMERGENCY PHONE: 1.800.477.2577

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None/Nonflammable- This product is not considered a fire hazard, nor will it support combustion.

EXTINGUISHING MEDIA: Use standard firefighting measures to extinguish fires involving this material (water spray, dry chemicals, carbon dioxide or foam).

* LOWER FLAMMABILITY LIMITS: (% In Air) Not pertinent

* UNUSUAL FIRE/EXPLOSION HAZARDS: None known

* SPECIAL FIRE FIGHTING PROCEDURES: None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL/RELEASE PROCEDURES: Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

SECTION 7 – HANDLING AND STORAGE

Keep out of reach of children. Avoid eye and prolonged skin contact.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the threshold limits provided above, *if applicable*.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable.

No protective equipment is required for normal use, though a face-mask or other appropriate measures may be taken as need determines/to prevent aggravating a pre-existing condition.

EYE PROTECTION: No protective equipment is required for normal use, though safety glasses or chemical goggles may be worn as need determines/to prevent aggravating a pre-existing condition

HAND PROTECTION: No protective equipment is required for normal use, though gloves may be worn as need determines/prevent aggravating a pre-existing condition.

BODY PROTECTION: No protective equipment is required for normal use

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE:	NE
SPECIFIC GRAVITY: (Water = 1)	Approximately 1.011
VAPOR PRESSURE AT 20C: (MM of HG)	Equivalent to water
VAPOR DENSITY: (Air = 1)	Equivalent to water
SOLUBILITY IN WATER:	Infinite
SOLUBILITY IN SOLVENT:	Miscible
EVAPORATION RATE:	Equivalent to water
APPEARANCE:	Blue liquid
ODOR:	Citrus
PH RANGE:	9.5 ± .5

SECTION 10- STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: None

INCOMPATIBILITY WITH OTHER MATERIALS: None

HAZARDOUS DECOMPOSITION MATERIALS: None

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11- TOXICOLOGICAL INFORMATION

Oral Toxicity: This product is non-toxic based upon current information available to EcoLogic Solutions and provided by all ingredient manufacturers. **No PBTs:** This product contains none of the persistent,

bioaccumulative and toxic chemicals **(PBT)** as listed by EPA: dioxins & furans, toxaphene, PCBs, Mirex, Mercury & compounds, Octachlorostyrene, alkyl-lead, DDT, Hexachlorobenzene, aldrin/dieldrin, benzo(a)pyrene and chlordane. **No Butyl:** Contains no 2-butoxyethanol (butyl). **No Endocrine Modifiers:** Based upon information provided by manufacturers of all ingredients used to manufacture this product, none of the ingredients used in this product contain APE, OPE, NPE or dibutyl phthalate. **Contains no sodium hypochlorite. Contains no perchloroethylene.**

SECTION 12 – ECOLOGICAL INFORMATION

The ingredients are readily biodegradable. After this product's use, it will biodegrade in sewage systems and/or the environment. Contains no nonyl phenol ethoxylates or alkyphenol ethoxylates **(APE)**. This product contains no ozone-depleting chlorinated compounds as specified by the Montreal Protocol. This product contains no paradichlorobenzene 1,4-dioxane, sodium hypochlorite, NTA or sodium EDTA. Product-formulation can benefit waste water.

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Disposal Information: No special method. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials. Discarded product is not a hazardous waste according to OSHA. This product is not considered a hazardous waste as defined per OSHA. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials.

SECTION 14 – TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: 1.800.477.2577
DOT Shipping Name: Compound, Cleaning Liquid

U.S. DOT Class: Not Regulated

SECTION 15- REGULATORY INFORMATION

SARA Title III Section 313 and 40 CFR Part 372 Notification: See section 2.
No ingredients in this product are currently listed as carcinogens by EPA or OSHA. All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 16- OTHER INFORMATION

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact EcoLogic Solutions at 1.800.477.2577 or visit our website at www.ecologicsolutions.com.

Keep Safety Data Sheets filed and organized in an area accessible to workers according to the Hazard Communication Standards.

All information contained in this Safety Data Sheet is provided to the best of EcoLogic Solutions knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. The information contained herein is confidential, intended solely for the user's internal use and may not be provided to any third parties. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.